BRS	1658	estimat$4 near5 impulse near4 respons$4	USPAT; US-PGPUB; EPO; DERWENT	7/7/04 12:16
BRS	309	train$4 same (estimat$4 near5 impulse near4 respons$4)	USPAT; US-PGPUB; EPO; DERWENT	10/9/03 16:52
BRS	109	(train$4 same (estimat$4 near5 impulse near4 respons$4)) same sampl$4	USPAT; US-PGPUB; EPO; DERWENT	10/9/03 16:52
BRS	85	((train$4 same (estimat$4 near5 impulse near4 respons$4)) same sampl$4) and @ad<20010202	USPAT; US-PGPUB; EPO; DERWENT	10/9/03 17:09
BRS	9	(((train$4 same (estimat$4 near5 impulse near4 respons$4)) same sampl$4) and @ad<20010202) and pulse near3 shap$5	USPAT; US-PGPUB; EPO; DERWENT	10/9/03 17:07
BRS	2278	pulse near4 shap$4 near5 filter$3	USPAT; US-PGPUB; EPO; DERWENT	10/9/03 17:07
BRS	12	(pulse near4 shap$4 near5 filter$3) and (estimat$4 near5 impulse near4 respons$4) same training	USPAT; US-PGPUB; EPO; DERWENT	10/9/03 17:08
BRS	6	((pulse near4 shap$4 near5 filter$3) and (estimat$4 near5 impulse near4 respons$4) same training) and @ad<20010202	USPAT; US-PGPUB; EPO; DERWENT	10/9/03 17:10
BRS	24880	filter$3 same (analog adj digital or analog-to-digital)	USPAT; US-PGPUB; EPO; DERWENT	10/9/03 17:10
BRS	18943	filter$3 same "a/d"	USPAT; US-PGPUB; EPO; DERWENT	10/9/03 17:10
BRS	36006	(filter$3 same (analog adj digital or analog-to-digital)) or (filter$3 same "a/d")	USPAT; US-PGPUB; EPO; DERWENT	10/9/03 17:10
BRS	52	((filter$3 same (analog adj digital or analog-to-digital)) or (filter$3 same "a/d")) same (estimat$4 near5 impulse near4 respons$4)	USPAT; US-PGPUB; EPO; DERWENT	10/9/03 17:10
BRS	34	(((filter$3 same (analog adj digital or analog-to-digital)) or (filter$3 same "a/d")) same (estimat$4 near5 impulse near4 respons$4)) and @ad<20010202	USPAT; US-PGPUB; EPO; DERWENT	10/9/03 17:16
BRS	21	((((filter$3 same (analog adj digital or analog-to-digital)) or (filter$3 same "a/d")) same (estimat$4 near5 impulse near4 respons$4)) and @ad<20010202) and train$5	USPAT; US-PGPUB; EPO; DERWENT	10/9/03 17:45
BRS	0	5563888.pn. and tdma	USPAT; US-PGPUB; EPO; DERWENT	10/9/03 17:24
BRS	0	5563888.pn. and multiple near4 access	USPAT; US-PGPUB; EPO; DERWENT	10/9/03 17:24
BRS	0	5563888.pn. and access	USPAT; US-PGPUB; EPO; DERWENT	10/9/03 17:36
BRS	2	5563888.pn. and (impulse)	USPAT; US-PGPUB; EPO; DERWENT	10/9/03 17:39
BRS	0	5563888.pn. and demodulat$	USPAT; US-PGPUB; EPO; DERWENT	10/9/03 17:42
BRS	1	5563888.pn. and modulat$	USPAT; US-PGPUB; EPO; DERWENT	10/9/03 17:39
BRS	0	5563888.pn. and demod$	USPAT; US-PGPUB; EPO; DERWENT	10/9/03 17:42
BRS	0	5563888.pn. and demod$8	USPAT; US-PGPUB; EPO; DERWENT	10/9/03 17:44
BRS	2	5263053.pn.	USPAT; US-PGPUB; EPO; DERWENT	10/9/03 17:44
BRS	10	((((((filter$3 same (analog adj digital or analog-to-digital)) or (filter$3 same "a/d")) same (estimat$4 near5 impulse near4 respons$4)) and @ad<20010202) and train$5) and demodulat$5	USPAT; US-PGPUB; EPO; DERWENT	10/9/03 17:45
BRS	3	(((((((filter$3 same (analog adj digital or analog-to-digital)) or (filter$3 same "a/d")) same (estimat$4 near5 impulse near4 respons$4)) and @ad<20010202) and train$5) and demodulat$5) and tdma	USPAT; US-PGPUB; EPO; DERWENT	10/9/03 17:45
BRS	19083	code$1 near4 group$3	USPAT; US-PGPUB; EPO; DERWENT	10/9/03 19:06
BRS	1758	(code$1 near4 group$3) with identif$5	USPAT; US-PGPUB; EPO; DERWENT	10/9/03 19:06
BRS	62	((code$1 near4 group$3) with identif$5) with correlat$5	USPAT; US-PGPUB; EPO; DERWENT	10/9/03 19:06
BRS	13	(((code$1 near4 group$3) with identif$5) with correlat$5) and @ad<19980828	USPAT; US-PGPUB; EPO; DERWENT	10/9/03 19:29
BRS	3	(((code$1 near4 group$3) with identif$5) with correlat$5) and @rlad<19980828	USPAT; US-PGPUB; EPO; DERWENT	10/9/03 19:29
BRS	14	((((code$1 near4 group$3) with identif$5) with correlat$5) and @ad<19980828) or ((((code$1 near4 group$3) with identif$5) with correlat$5) and @rlad<19980828)	USPAT; US-PGPUB; EPO; DERWENT	10/9/03 19:17
BRS	1	(((((code$1 near4 group$3) with identif$5) with correlat$5) and @ad<19980828) or ((((code$1 near4 group$3) with identif$5) with correlat$5) and @rlad<19980828)) and "6370134" and frame$1	USPAT; US-PGPUB; EPO; DERWENT	10/9/03 19:19
BRS	1	(((((code$1 near4 group$3) with identif$5) with correlat$5) and @ad<19980828) or ((((code$1 near4 group$3) with identif$5) with correlat$5) and @rlad<19980828)) and "6370134" and identif$	USPAT; US-PGPUB; EPO; DERWENT	10/9/03 19:20
BRS	1	(((((code$1 near4 group$3) with identif$5) with correlat$5) and @ad<19980828) or ((((code$1 near4 group$3) with identif$5) with correlat$5) and @rlad<19980828)) and "6370134" and correlat$5	USPAT; US-PGPUB; EPO; DERWENT	10/9/03 19:24
BRS	499	correlat$5 with group$1 with identif$5	USPAT; US-PGPUB; EPO; DERWENT	10/9/03 19:25
BRS	72	(correlat$5 with group$1 with identif$5) with code$1	USPAT; US-PGPUB; EPO; DERWENT	10/9/03 19:25
BRS	17	((correlat$5 with group$1 with identif$5) with code$1) and @ad<19980828	USPAT; US-PGPUB; EPO; DERWENT	10/9/03 19:25
BRS	6	((correlat$5 with group$1 with identif$5) with code$1) and @rlad<19980828	USPAT; US-PGPUB; EPO; DERWENT	10/9/03 19:26
BRS	19	(((correlat$5 with group$1 with identif$5) with code$1) and @ad<19980828) or (((correlat$5 with group$1 with identif$5) with code$1) and @rlad<19980828)	USPAT; US-PGPUB; EPO; DERWENT	10/9/03 19:26
BRS	6	((((correlat$5 with group$1 with identif$5) with code$1) and @ad<19980828) or (((correlat$5 with group$1 with identif$5) with code$1) and @rlad<19980828)) not (((((code$1 near4 group$3) with identif$5) with correlat$5) and @ad<19980828) or ((((code$1 near4 group$3) with identif$5) with correlat$5) and @rlad<19980828))	USPAT; US-PGPUB; EPO; DERWENT	10/9/03 19:28
BRS	300	correlat$6 with code near4 group$1	USPAT; US-PGPUB; EPO; DERWENT	10/9/03 19:29
BRS	138	(correlat$6 with code near4 group$1) and @ad<19980828	USPAT; US-PGPUB; EPO; DERWENT	10/9/03 19:30
BRS	54	(correlat$6 with code near4 group$1) and @rlad<19980828	USPAT; US-PGPUB; EPO; DERWENT	10/9/03 19:30
BRS	165	((correlat$6 with code near4 group$1) and @ad<19980828) or ((correlat$6 with code near4 group$1) and @rlad<19980828)	USPAT; US-PGPUB; EPO; DERWENT	10/9/03 19:29
BRS	1282	identif$5 with code near4 group$1	USPAT; US-PGPUB; EPO; DERWENT	10/9/03 19:30
BRS	312	(identif$5 with code near4 group$1) and correlat$4	USPAT; US-PGPUB; EPO; DERWENT	10/9/03 19:30
BRS	175	((identif$5 with code near4 group$1) and correlat$4) and fram$3	USPAT; US-PGPUB; EPO; DERWENT	10/9/03 19:30
BRS	73	(((identif$5 with code near4 group$1) and correlat$4) and fram$3) and @ad<19980828	USPAT; US-PGPUB; EPO; DERWENT	10/9/03 19:30
BRS	24	((((identif$5 with code near4 group$1) and correlat$4) and fram$3) and @ad<19980828) and @rlad<19980828	USPAT; US-PGPUB; EPO; DERWENT	10/9/03 19:30
BRS	73	((((identif$5 with code near4 group$1) and correlat$4) and fram$3) and @ad<19980828) or (((((identif$5 with code near4 group$1) and correlat$4) and fram$3) and @ad<19980828) and @rlad<19980828)	USPAT; US-PGPUB; EPO; DERWENT	10/9/03 20:13
BRS	1	6226315.pn. and fram$4	USPAT; US-PGPUB; EPO; DERWENT	10/9/03 22:22
BRS	1	6226315.pn. and fram$4 and timing and correlat$5	USPAT; US-PGPUB; EPO; DERWENT	10/9/03 22:22
BRS	23	hafeez.in.	USPAT; US-PGPUB; EPO; DERWENT	10/19/03 21:56

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BRS	4	milnar.in.	USPAT; US-PGPUB; EPO; DERWENT	10/19/03 21:56
BRS	1540	molnar.in.	USPAT; US-PGPUB; EPO; DERWENT	10/19/03 21:56
BRS	8	hafeez.in. and molnar.in.	USPAT; US-PGPUB; EPO; DERWENT	10/19/03 22:00
BRS	2	6304618.pn.	USPAT; US-PGPUB; EPO; DERWENT	10/19/03 22:00
BRS	2	6304618.pn. and ("a/d" or sampl$4 or (analog adj digital))	USPAT; US-PGPUB; EPO; DERWENT	10/19/03 22:05
BRS	0	6304618.pn. and baseband	USPAT; US-PGPUB; EPO; DERWENT	10/19/03 22:05
BRS	0	6304618.pn. and base adj band	USPAT; US-PGPUB; EPO; DERWENT	10/19/03 22:05
BRS	0	6304618.pn. and downconvert$	USPAT; US-PGPUB; EPO; DERWENT	10/19/03 22:37
BRS	3610	pulse-shap$	USPAT; US-PGPUB; EPO; DERWENT	10/19/03 22:24
BRS	1	6304618.pn. and pulse-shap$	USPAT; US-PGPUB; EPO; DERWENT	10/19/03 22:09
BRS	1	6304618.pn. and (pulse-shap$ same filter$4)	USPAT; US-PGPUB; EPO; DERWENT	10/19/03 22:10
BRS	1	6304618.pn. and (pulse-shap$ same estimat$4)	USPAT; US-PGPUB; EPO; DERWENT	10/19/03 22:11
BRS	1	6304618.pn. and train$5	USPAT; US-PGPUB; EPO; DERWENT	10/19/03 22:14
BRS	1	6304618.pn. and impulse	USPAT; US-PGPUB; EPO; DERWENT	10/19/03 22:14
BRS	30938	pulse adj shap$	USPAT; US-PGPUB; EPO; DERWENT	10/19/03 22:24
BRS	30938	pulse-shap$ or (pulse adj shap$)	USPAT; US-PGPUB; EPO; DERWENT	10/19/03 22:24
BRS	56	(pulse-shap$ or (pulse adj shap$)) near3 estimat$5	USPAT; US-PGPUB; EPO; DERWENT	10/19/03 22:24
BRS	1517	(pulse-shap$ or (pulse adj shap$)) near3 filter$4	USPAT; US-PGPUB; EPO; DERWENT	10/19/03 22:24
BRS	27	((pulse-shap$ or (pulse adj shap$)) near3 estimat$5) and ((pulse-shap$ or (pulse adj shap$)) near3 filter$4)	USPAT; US-PGPUB; EPO; DERWENT	10/19/03 22:24
BRS	15	(((pulse-shap$ or (pulse adj shap$)) near3 estimat$5) and ((pulse-shap$ or (pulse adj shap$)) near3 filter$4)) and @ad<20010202	USPAT; US-PGPUB; EPO; DERWENT	10/19/03 23:29
BRS	5	(((pulse-shap$ or (pulse adj shap$)) near3 estimat$5) and ((pulse-shap$ or (pulse adj shap$)) near3 filter$4)) and @rlad<20010202	USPAT; US-PGPUB; EPO; DERWENT	10/19/03 22:25
BRS	17	((((pulse-shap$ or (pulse adj shap$)) near3 estimat$5) and ((pulse-shap$ or (pulse adj shap$)) near3 filter$4)) and @ad<20010202) or ((((pulse-shap$ or (pulse adj shap$)) near3 estimat$5) and ((pulse-shap$ or (pulse adj shap$)) near3 filter$4)) and @rlad<20010202)	USPAT; US-PGPUB; EPO; DERWENT	10/19/03 22:35
BRS	2	20010030993	USPAT; US-PGPUB; EPO; DERWENT	10/19/03 22:35
BRS	0	20010030993 and down-convert$3	USPAT; US-PGPUB; EPO; DERWENT	10/19/03 22:35
BRS	2	20010030993 and baseband	USPAT; US-PGPUB; EPO; DERWENT	10/19/03 22:36
BRS	0	6304618.pn. and baseband	USPAT; US-PGPUB; EPO; DERWENT	10/19/03 22:36
BRS	0	6304618.pn. and mixed	USPAT; US-PGPUB; EPO; DERWENT	10/19/03 22:38
BRS	2	6304618.pn. and sampl$4	USPAT; US-PGPUB; EPO; DERWENT	10/19/03 22:38
BRS	2	20010030993 and sampl$4	USPAT; US-PGPUB; EPO; DERWENT	10/19/03 22:40
BRS	0	20010030993 and train$4	USPAT; US-PGPUB; EPO; DERWENT	10/19/03 22:41
BRS	0	20010030993 and training	USPAT; US-PGPUB; EPO; DERWENT	10/19/03 22:41
BRS	1	20010030993 and known	USPAT; US-PGPUB; EPO; DERWENT	10/19/03 22:43
BRS	0	20010030993 and impulse	USPAT; US-PGPUB; EPO; DERWENT	10/19/03 22:43
BRS	2	20010030993 and response	USPAT; US-PGPUB; EPO; DERWENT	10/19/03 22:44
BRS	1	20010030993 and channel	USPAT; US-PGPUB; EPO; DERWENT	10/19/03 22:46
BRS	2	5838739.pn.	USPAT; US-PGPUB; EPO; DERWENT	10/19/03 23:05
BRS	9	tdma same lms same impulse near3 response	USPAT; US-PGPUB; EPO; DERWENT	10/19/03 23:05
BRS	6	(tdma same lms same impulse near3 response) and @ad<20010202	USPAT; US-PGPUB; EPO; DERWENT	10/19/03 23:06
BRS	4	(tdma same lms same impulse near3 response) and @rlad<20010202	USPAT; US-PGPUB; EPO; DERWENT	10/19/03 23:06
BRS	2048282	((tdma same lms same impulse near3 response) and @rlad<20010202) or "46"	USPAT; US-PGPUB; EPO; DERWENT	10/19/03 23:06
BRS	8	((tdma same lms same impulse near3 response) and @rlad<20010202) or ((tdma same lms same impulse near3 response) and @ad<20010202)	USPAT; US-PGPUB; EPO; DERWENT	10/19/03 23:09
BRS	0	bottemley.in.	USPAT; US-PGPUB; EPO; DERWENT	10/19/03 23:09
BRS	459	bottemley.in.	USPAT; US-PGPUB; EPO; DERWENT	10/19/03 23:09
BRS	1988	hafeez.in. or molnar.in. or bottomley.in.	USPAT; US-PGPUB; EPO; DERWENT	10/19/03 23:09
BRS	0	(hafeez.in. or molnar.in. or bottomley.in.) and erricsson.as.	USPAT; US-PGPUB; EPO; DERWENT	10/19/03 23:10
BRS	244	(hafeez.in. or molnar.in. or bottomley.in.) and ericsson.as.	USPAT; US-PGPUB; EPO; DERWENT	10/19/03 23:10
BRS	6	((hafeez.in. or molnar.in. or bottomley.in.) and ericsson.as.) and ((pulse-shap$ or (pulse adj shap$))).clm.	USPAT; US-PGPUB; EPO; DERWENT	10/19/03 23:28
IS&R	5575	(375/346,343,350,316,340,130,140,147,143,152).CCLS.	USPAT; US-PGPUB; EPO; DERWENT	10/19/03 23:29
BRS	337	((375/346,343,350,316,340,130,140,147,143,152).CCLS.) and (pulse-shap$ or (pulse adj shap$))	USPAT; US-PGPUB; EPO; DERWENT	10/19/03 23:32
BRS	240	(((375/346,343,350,316,340,130,140,147,143,152).CCLS.) and (pulse-shap$ or (pulse adj shap$))) and @ad<20010202	USPAT; US-PGPUB; EPO; DERWENT	10/19/03 23:32
BRS	86	(((375/346,343,350,316,340,130,140,147,143,152).CCLS.) and (pulse-shap$ or (pulse adj shap$))) and @rlad<20010202	USPAT; US-PGPUB; EPO; DERWENT	10/19/03 23:33
BRS	48	((((375/346,343,350,316,340,130,140,147,143,152).CCLS.) and (pulse-shap$ or (pulse adj shap$))) and @ad<20010202) and ((((375/346,343,350,316,340,130,140,147,143,152).CCLS.) and (pulse-shap$ or (pulse adj shap$))) and @rlad<20010202)	USPAT; US-PGPUB; EPO; DERWENT	10/19/03 23:29
BRS	278	((((375/346,343,350,316,340,130,140,147,143,152).CCLS.) and (pulse-shap$ or (pulse adj shap$))) and @ad<20010202) or ((((375/346,343,350,316,340,130,140,147,143,152).CCLS.) and (pulse-shap$ or (pulse adj shap$))) and @rlad<20010202)	USPAT; US-PGPUB; EPO; DERWENT	10/19/03 23:30
BRS	175	(((((375/346,343,350,316,340,130,140,147,143,152).CCLS.) and (pulse-shap$ or (pulse adj shap$))) and @ad<20010202) or ((((375/346,343,350,316,340,130,140,147,143,152).CCLS.) and (pulse-shap$ or (pulse adj shap$))) and @rlad<20010202)) and estimat$5	USPAT; US-PGPUB; EPO; DERWENT	10/19/03 23:31
BRS	106	((((((375/346,343,350,316,340,130,140,147,143,152).CCLS.) and (pulse-shap$ or (pulse adj shap$))) and @ad<20010202) or ((((375/346,343,350,316,340,130,140,147,143,152).CCLS.) and (pulse-shap$ or (pulse adj shap$))) and @rlad<20010202)) and estimat$5) and impulse	USPAT; US-PGPUB; EPO; DERWENT	10/19/03 23:30
BRS	3138	(pulse-shap$ or (pulse adj shap$)) with (filter$4 or estimat$5)	USPAT; US-PGPUB; EPO; DERWENT	10/19/03 23:32

BRS	207	((375/346,343,350,316,340,130,140,147,143,152).CCLS.) and ((pulse-shap$ or (pulse adj shap$)) with (filter$4 or estimat$5))	USPAT; US-PGPUB; EPO; DERWENT	10/19/03 23:32
BRS	114	((((375/346,343,350,316,340,130,140,147,143,152).CCLS.) and ((pulse-shap$ or (pulse adj shap$)) with (filter$4 or estimat$5))) and (impulse near4 response$1)	USPAT; US-PGPUB; EPO; DERWENT	10/19/03 23:32
BRS	77	(((((375/346,343,350,316,340,130,140,147,143,152).CCLS.) and ((pulse-shap$ or (pulse adj shap$)) with (filter$4 or estimat$5))) and (impulse near4 response$1)) and @ad<20010202	USPAT; US-PGPUB; EPO; DERWENT	10/19/03 23:33
BRS	32	(((((375/346,343,350,316,340,130,140,147,143,152).CCLS.) and ((pulse-shap$ or (pulse adj shap$)) with (filter$4 or estimat$5))) and (impulse near4 response$1)) and @rlad<20010202	USPAT; US-PGPUB; EPO; DERWENT	10/19/03 23:33
BRS	93	((((((375/346,343,350,316,340,130,140,147,143,152).CCLS.) and ((pulse-shap$ or (pulse adj shap$)) with (filter$4 or estimat$5))) and (impulse near4 response$1)) and (@ad<20010202) or (((((375/346,343,350,316,340,130,140,147,143,152).CCLS.) and ((pulse adj shap$)) with (filter$4 or estimat$5))) and (impulse near4 response$1)) and @rlad<20010202)	USPAT; US-PGPUB; EPO; DERWENT	10/19/03 23:33
BRS	33	(((((((375/346,343,350,316,340,130,140,147,143,152).CCLS.) and ((pulse-shap$ or (pulse adj shap$)) with (filter$4 or estimat$5))) and (impulse near4 response$1)) and @ad<20010202) or (((((375/346,343,350,316,340,130,140,147,143,152).CCLS.) and ((pulse-shap$ or (pulse adj shap$)) with (filter$4 or estimat$5))) and (impulse near4 response$1)) and @rlad<20010202)) and tdma	USPAT; US-PGPUB; EPO; DERWENT	10/19/03 23:35
BRS	1	train$4 same hermitian same slot same (tdma or (time adj division adj multip$6))	USPAT; US-PGPUB; EPO; DERWENT	10/19/03 23:36
BRS	1	train$4 same hermitian same slot$1 same (tdma or (time adj division adj multip$6))	USPAT; US-PGPUB; EPO; DERWENT	10/19/03 23:36
BRS	2	6304618.pn.	USPAT; US-PGPUB; EPO; DERWENT	10/19/03 23:38
BRS	2	20010030993	USPAT; US-PGPUB; EPO; DERWENT	10/19/03 23:38
BRS	4	6304618.pn. or "20010030993"	USPAT; US-PGPUB; EPO; DERWENT	10/19/03 23:38
BRS	2	(6304618.pn. or "20010030993") and squar$4	USPAT; US-PGPUB; EPO; DERWENT	10/19/03 23:39
BRS	0	5838739.pn. and squar$4	USPAT; US-PGPUB; EPO; DERWENT	10/19/03 23:58
BRS	2	5889827.pn.	USPAT; US-PGPUB; EPO; DERWENT	10/19/03 23:58
BRS	1	5889827.pn. and mixed	USPAT; US-PGPUB; EPO; DERWENT	10/20/03 0:23
BRS	64	13383	USPAT; US-PGPUB; EPO; DERWENT	10/19/03 23:59
BRS	134	13383	USPAT; US-PGPUB; EPO; DERWENT	10/19/03 23:59
BRS	0	13383 and ericsson.as.	USPAT; US-PGPUB; EPO; DERWENT	10/19/03 23:59
BRS	1	5889827.pn. and known	USPAT; US-PGPUB; EPO; DERWENT	10/20/03 0:25
BRS	2	5889827.pn. and sampl$5	USPAT; US-PGPUB; EPO; DERWENT	10/20/03 0:26
BRS	0	5889827.pn. and impulse	USPAT; US-PGPUB; EPO; DERWENT	10/20/03 0:27
BRS	2	5889827.pn. and medium	USPAT; US-PGPUB; EPO; DERWENT	10/20/03 0:33
BRS	0	5889827.pn. and mobile	USPAT; US-PGPUB; EPO; DERWENT	10/20/03 0:47
BRS	0	5889827.pn. and interpol$	USPAT; US-PGPUB; EPO; DERWENT	10/20/03 0:48
BRS	0	6304618.pn. and interpol$	USPAT; US-PGPUB; EPO; DERWENT	10/20/03 0:47
BRS	2	5889827.pn. and demodulat$	USPAT; US-PGPUB; EPO; DERWENT	10/20/03 1:26
BRS	1	5889827.pn. and sync$	USPAT; US-PGPUB; EPO; DERWENT	10/20/03 1:31
BRS	593	interpolat$4 with impulse adj response$1 with filter$1	USPAT; US-PGPUB; EPO; DERWENT	10/20/03 1:32
BRS	74	(interpolat$4 with impulse adj response$1 with filter$1) same sampling near3 rate$1	USPAT; US-PGPUB; EPO; DERWENT	10/20/03 1:32
BRS	59	((interpolat$4 with impulse adj response$1 with filter$1) same sampling near3 rate$1) and @ad<20010202	USPAT; US-PGPUB; EPO; DERWENT	10/20/03 1:34
BRS	2180	pulse near4 shap$5 near4 filter$3	USPAT; US-PGPUB; EPO; DERWENT	4/7/04 18:41
BRS	19836	impulse near4 respons$4	USPAT; US-PGPUB; EPO; DERWENT	4/7/04 18:07
BRS	161	(pulse near4 shap$5 near4 filter$3) with (impulse near4 respons$4)	USPAT; US-PGPUB; EPO; DERWENT	4/7/04 17:33
BRS	1077432	a/d or (analog adj digital) or sampl$4	USPAT; US-PGPUB; EPO; DERWENT	4/7/04 17:33
BRS	161	((pulse near4 shap$5 near4 filter$3) with (impulse near4 respons$4)) same (impulse near4 respons$4)	USPAT; US-PGPUB; EPO; DERWENT	4/7/04 17:52
BRS	61	((pulse near4 shap$5 near4 filter$3) with (impulse near4 respons$4)) same ("a/d" or (analog adj digital) or sampl$4)	USPAT; US-PGPUB; EPO; DERWENT	4/7/04 17:33
BRS	38	(((pulse near4 shap$5 near4 filter$3) with (impulse near4 respons$4)) same ("a/d" or (analog adj digital) or sampl$4)) and @ad<20010202	USPAT; US-PGPUB; EPO; DERWENT	4/7/04 17:52
BRS	20	(((pulse near4 shap$5 near4 filter$3) with (impulse near4 respons$4)) same ("a/d" or (analog adj digital) or sampl$4)) and @rlad<20010202	USPAT; US-PGPUB; EPO; DERWENT	4/7/04 17:34
BRS	42	(((((pulse near4 shap$5 near4 filter$3) with (impulse near4 respons$4)) same ("a/d" or (analog adj digital) or sampl$4)) and @ad<20010202) or ((((pulse near4 shap$5 near4 filter$3) with (impulse near4 respons$4)) same ("a/d" or (analog adj digital) or sampl$4)) and @rlad<20010202)	USPAT; US-PGPUB; EPO; DERWENT	4/7/04 17:34
BRS	3	(((pulse near4 shap$5 near4 filter$3) with (impulse near4 respons$4)) same train$5) and @ad<20010202	USPAT; US-PGPUB; EPO; DERWENT	4/7/04 17:52
BRS	7	((pulse near4 shap$5 near4 filter$3) with (impulse near4 respons$4)) same train$5	USPAT; US-PGPUB; EPO; DERWENT	4/7/04 17:56
BRS	2	6084929.pn.	USPAT; US-PGPUB; EPO; DERWENT	4/7/04 18:02
BRS	2	6084929.pn. and (pulse near4 shap$5 near6 filter$3)	USPAT; US-PGPUB; EPO; DERWENT	4/7/04 18:03
BRS	1872	calculat$5 with (impulse near4 respons$4)	USPAT; US-PGPUB; EPO; DERWENT	4/7/04 18:07
BRS	60	(pulse near4 shap$5 near4 filter$3) with train$5	USPAT; US-PGPUB; EPO; DERWENT	4/7/04 18:07
BRS	2	((pulse near4 shap$5 near4 filter$3) with train$5) same (calculat$5 with (impulse near4 respons$4))	USPAT; US-PGPUB; EPO; DERWENT	4/7/04 18:07
BRS	268	pulse near4 shap$5 with (impulse near4 respons$4)	USPAT; US-PGPUB; EPO; DERWENT	4/7/04 18:25
BRS	21	(pulse near4 shap$5 with (impulse near4 respons$4)) same demodulat$5	USPAT; US-PGPUB; EPO; DERWENT	4/7/04 18:27
BRS	2350	estimat$5 with (impulse near4 respons$4)	USPAT; US-PGPUB; EPO; DERWENT	4/7/04 18:28
BRS	11	(estimat$5 with (impulse near4 respons$4)) same (pulse near4 shap$5 near4 filter$3)	USPAT; US-PGPUB; EPO; DERWENT	4/7/04 18:41
BRS	95	pulse near4 shap$5 near4 estimat$5	USPAT; US-PGPUB; EPO; DERWENT	4/7/04 18:30
BRS	10	(pulse near4 shap$5 near4 estimat$5) same (impulse near4 respons$4)	USPAT; US-PGPUB; EPO; DERWENT	4/7/04 18:31
BRS	942	(estimat$5 with (impulse near4 respons$4)) with filter$4	USPAT; US-PGPUB; EPO; DERWENT	4/7/04 18:41
BRS	12	(estimat$5 with (impulse near4 respons$4)) with shap$5 near4 filter$3	USPAT; US-PGPUB; EPO; DERWENT	4/7/04 18:41
BRS	19939	impulse near4 respons$4	USPAT; US-PGPUB; EPO; DERWENT	4/15/04 16:29

BRS	13268	(impulse near4 respons$4) with filter$4	USPAT; US-PGPUB; EPO; DERWENT	4/15/04 19:27
BRS	432	((impulse near4 respons$4) with filter$4) same train$5	USPAT; US-PGPUB; EPO; DERWENT	4/15/04 16:31
BRS	25	(((impulse near4 respons$4) with filter$4) same train$5) same (pulse near4 shap$5)	USPAT; US-PGPUB; EPO; DERWENT	4/15/04 19:13
BRS	24	((((impulse near4 respons$4) with filter$4) same train$5) same (pulse near4 shap$5)) and (training or known or predetermined)	USPAT; US-PGPUB; EPO; DERWENT	4/15/04 16:42
BRS	2	20020150184	USPAT; US-PGPUB; EPO; DERWENT	4/15/04 16:40
BRS	2	20020150184 and training	USPAT; US-PGPUB; EPO; DERWENT	4/15/04 16:40
BRS	64	stor$5 near4 known near4 training	USPAT; US-PGPUB; EPO; DERWENT	4/15/04 17:04
BRS	11	(stor$5 near4 known near4 training) same (impulse near4 respons$4)	USPAT; US-PGPUB; EPO; DERWENT	4/15/04 16:46
BRS	2975	stor$5 near4 training	USPAT; US-PGPUB; EPO; DERWENT	4/15/04 17:05
BRS	45454	pulse near4 shap$5	USPAT; US-PGPUB; EPO; DERWENT	4/15/04 17:05
BRS	3	(stor$5 near4 training) same (pulse near4 shap$5)	USPAT; US-PGPUB; EPO; DERWENT	4/15/04 17:05
BRS	15	(stor$5 near4 training) same ((impulse near4 respons$4) with filter$4)	USPAT; US-PGPUB; EPO; DERWENT	4/15/04 17:06
BRS	444	(impulse near4 respons$4) same (pulse near4 shap$5)	USPAT; US-PGPUB; EPO; DERWENT	4/15/04 17:12
BRS	339	((impulse near4 respons$4) with filter$4) same (pulse near4 shap$5)	USPAT; US-PGPUB; EPO; DERWENT	4/15/04 17:47
BRS	308736	adaptive or calibrat$5	USPAT; US-PGPUB; EPO; DERWENT	4/15/04 17:47
BRS	1	(adaptive or calibrat$5) and "20020136288"	USPAT; US-PGPUB; EPO; DERWENT	4/15/04 19:07
BRS	2	5889827.pn. and response	USPAT; US-PGPUB; EPO; DERWENT	4/15/04 19:12
BRS	945	estimat$5 with filter$4 with impulse with response$1	USPAT; US-PGPUB; EPO; DERWENT	4/15/04 19:13
BRS	943	estimat$5 with filter$4 with impulse near2 response$1	USPAT; US-PGPUB; EPO; DERWENT	4/15/04 19:13
BRS	309	(estimat$5 with filter$4 with impulse near2 response$1) with (transmit$4 or receiv$4)	USPAT; US-PGPUB; EPO; DERWENT	4/15/04 19:13
BRS	41	((estimat$5 with filter$4 with impulse near2 response$1) with (transmit$4 or receiv$4)) and (pulse near4 shap$5)	USPAT; US-PGPUB; EPO; DERWENT	4/15/04 19:14
BRS	24761	channel near4 filter$4	USPAT; US-PGPUB; EPO; DERWENT	4/15/04 19:27
BRS	2	5838739.pn.	USPAT; US-PGPUB; EPO; DERWENT	4/16/04 12:10
BRS	2	5838739.pn. and response$1	USPAT; US-PGPUB; EPO; DERWENT	4/16/04 12:11
BRS	1	5838739.pn. and filter$4	USPAT; US-PGPUB; EPO; DERWENT	4/16/04 12:11
BRS	0	pulse near4 shap$5 near4 filter%5	USPAT; US-PGPUB; EPO; DERWENT	7/6/04 19:16
BRS	2276	pulse near4 shap$5 near4 filter$5	USPAT; US-PGPUB; EPO; DERWENT	7/6/04 19:17
BRS	55	impulse near4 respons$4	USPAT; US-PGPUB; EPO; DERWENT	7/6/04 19:17
BRS	20662	impulse near4 respons$4	USPAT; US-PGPUB; EPO; DERWENT	7/6/04 19:17
BRS	245	(pulse near4 shap$5 near4 filter$5) same (impulse near4 respons$4)	USPAT; US-PGPUB; EPO; DERWENT	7/6/04 19:17
BRS	11	((pulse near4 shap$5 near4 filter$5) same (impulse near4 respons$4)) same train$5	USPAT; US-PGPUB; EPO; DERWENT	7/6/04 19:18
BRS	11	(((pulse near4 shap$5 near4 filter$5) same (impulse near4 respons$4)) same train$5) and train$5	USPAT; US-PGPUB; EPO; DERWENT	7/6/04 19:35
BRS	73	((pulse near4 shap$5 near4 filter$5) same (impulse near4 respons$4)) and train$5	USPAT; US-PGPUB; EPO; DERWENT	7/6/04 19:35
BRS	42	(((pulse near4 shap$5 near4 filter$5) same (impulse near4 respons$4)) and train$5) and @ad<20010202	USPAT; US-PGPUB; EPO; DERWENT	7/6/04 19:35
BRS	31	(((pulse near4 shap$5 near4 filter$5) same (impulse near4 respons$4)) and train$5) and @rlad<20010202	USPAT; US-PGPUB; EPO; DERWENT	7/6/04 19:35
BRS	61	((((pulse near4 shap$5 near4 filter$5) same (impulse near4 respons$4)) and train$5) and @ad<20010202) or (((((pulse near4 shap$5 near4 filter$5) same (impulse near4 respons$4)) and train$5) and @rlad<20010202)	USPAT; US-PGPUB; EPO; DERWENT	7/6/04 19:36
BRS	54	(((((pulse near4 shap$5 near4 filter$5) same (impulse near4 respons$4)) and train$5) and @ad<20010202) or (((((pulse near4 shap$5 near4 filter$5) same (impulse near4 respons$4)) and train$5) and @rlad<20010202)) not (((pulse near4 shap$5 near4 filter$5) same (impulse near4 respons$4)) same train$5)	USPAT; US-PGPUB; EPO; DERWENT	7/6/04 19:36
BRS	2	20010053972	USPAT; US-PGPUB; EPO; DERWENT	7/7/04 12:16
BRS	2	20010053972 and codebook$1	USPAT; US-PGPUB; EPO; DERWENT	7/7/04 13:25
BRS	23	220062	USPAT; US-PGPUB; EPO; DERWENT	7/7/04 12:55
BRS	0	20010053972 and demod$7	USPAT; US-PGPUB; EPO; DERWENT	7/7/04 13:25
BRS	0	20010053972 and modulat$7	USPAT; US-PGPUB; EPO; DERWENT	7/7/04 13:26